

# Recombinant Full Length Human TENT5A Protein, C-Flag-tagged

**Cat. No.** TENT5A-1592HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human TENT5A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | Enables RNA binding activity. Predicted to be involved in mRNA stabilization. Predicted to act upstream of or within response to bacterium. Implicated in lung non-small cell carcinoma; osteoarthritis; and osteogenesis imperfecta type 18.                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 49.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MAEGEGYFAMSEDELACSPYIPLGGDFGGGDFGGGDFGGGGSFGGHCLD<br>YCESPTAHCNVLNWEQ VQRLDGILSETIPIHGRGNFPTLELQPSLIVKVRRRLAEK<br>RIGVRDVRLNGSAASHVLHQDSGLGYKDL DLIFCADLRGEGEFQTVKDVVLDCLLD<br>FLPEGVNKEKITPLTLKEAYVQKMKVCNDSRWSLISLSNNS GKNVELKFVDSLRR<br>QFEFSVDSFQIKLDSLLLFYECSENPMTETFHPTIIGESVYGDFQEAFDHLCNKII ATR<br>NP EEIRGGG LLKYCNLLVRGFRPASDEIKTLQRYMCSRFFIDFSDIGEQQRKLESYLQ<br>NHFVGLEDR KYEYLMTLHG VVNESTVCLMGHERRQTLNLITMLAIRVLADQNVIPNV<br>ANVTCYYQPAPYVADANFSNYY<br>IAQVQPVFTCQQQTYSTWLP CNTRTRPLEQKLISEEDLAANDILDYKDDDDKV |

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| <b>Gene Name</b>       | TENT5A terminal nucleotidyltransferase 5A [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | TENT5A                                                             |
| <b>Synonyms</b>        | OI18; XTP11; FAM46A; C6orf37                                       |
| <b>Gene ID</b>         | 55603                                                              |
| <b>mRNA Refseq</b>     | NM_017633.3                                                        |
| <b>Protein Refseq</b>  | NP_060103.2                                                        |
| <b>MIM</b>             | 611357                                                             |
| <b>UniProt ID</b>      | Q96IP4                                                             |

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